v 1970

CARLETON UNIVERSITY

CONVOCATION

for the

CONFERRING OF DEGREES

OTTAWA

FRIDAY, NOVEMBER 6, 1970

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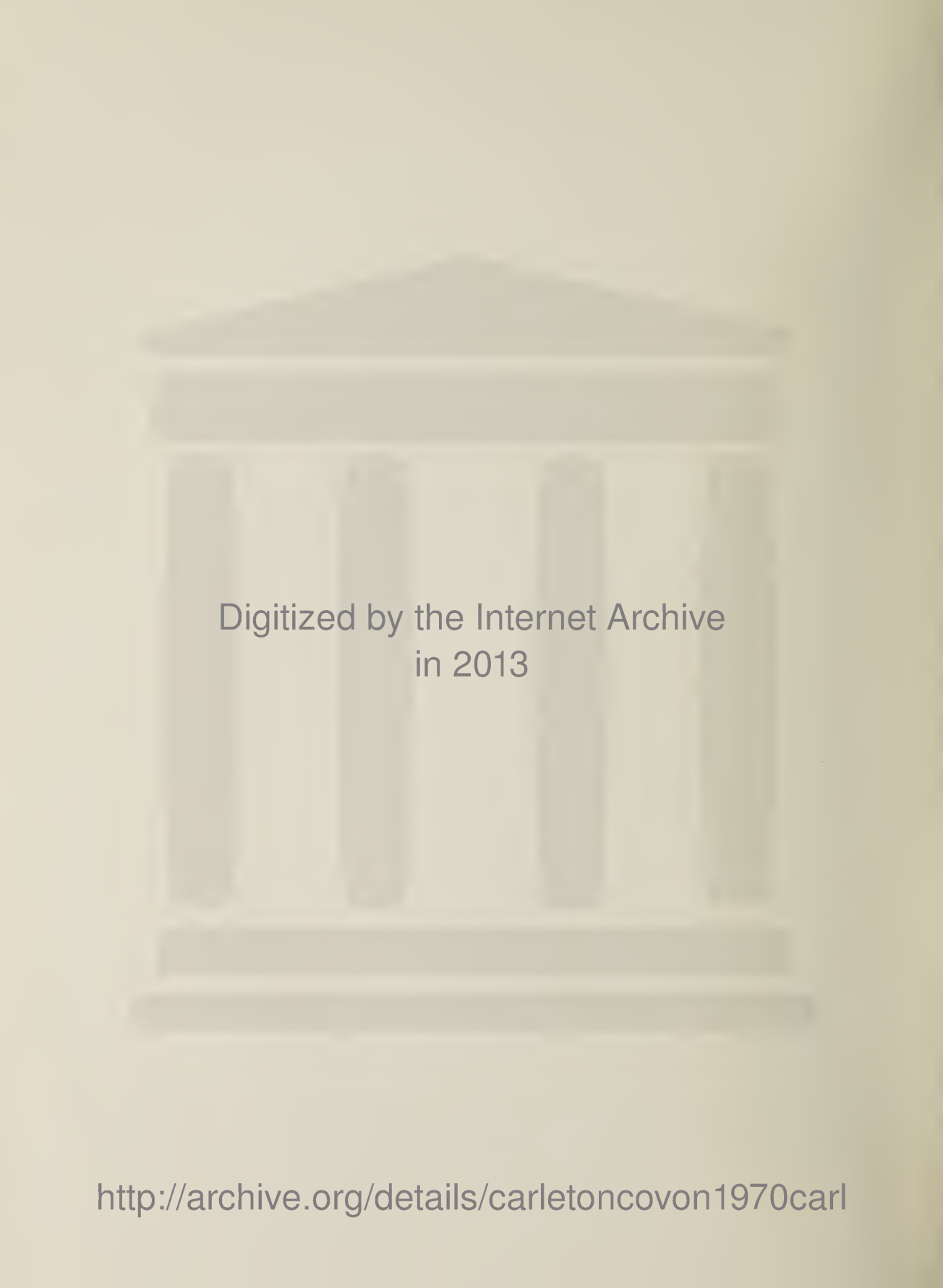
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• The audience is requested to stand when the Academic Procession arrives, to remain standing until after the Invocation has been pronounced, and at the conclusion of the Convocation to remain until the Academic Procession has left.

ORDER OF PROCEEDINGS

Chancellor Lester Bowles Pearson, P.C., C.C., O.B.E. M.A., LL.D., presiding

INTRODUCTORY MUSIC

PROCESSIONAL MUSIC: Processional Improvisation

John Churchill, B.Mus. London, F.R.C.O., G.R.S.M., L.R.A.M., A.R.C.M., Professor of Music

CHANCELLOR'S FANFARE ..... Robert Fleming, L.R.S.M., London
Associate Professor of Music

O CANADA*

INVOCATION

Antonio R. Gualtieri, B.A., B.D., S.T.M., Ph.D,. Associate Professor of Religion

ADDRESS OF THE PRESIDENT AND VICE-CHANCELLOR

A. D. Dunton, LL.D., D.Sc.

UNIVERSITY SINGERS AND BRASS ENSEMBLE

Conducted by John Churchill
Canzon Septimi Toni No. 2 (Venice, 1597) ..... Giovanni Gabrieli
Magnificat (Venice, 1578) ..... Andrea Gabrieli

CONFERRING OF DEGREES BY EXAMINATION

CONFERRING OF THE DEGREE OF DOCTOR OF LAWS, *honoris causa*, upon

Lord Fulton, LL.D., D. Litt.
Chairman, British Council

CONFERRING OF THE DEGREE OF DOCTOR OF LITERATURE, *honoris causa*, upon

J. Percy Smith, M.A., Ph.D.
Vice-President Academic, University of Guelph

CONVOCATION ADDRESS

Lord Fulton

GOD SAVE THE QUEEN*

RECESSIONAL MUSIC

Fugue in A minor, BWV 543 ..... J. S. Bach
Jean Trevelyan, F.R.C.O., A.R.C.M., L.R.A.M.

●—The President's Reception for participants and their friends will be held after the Convocation in the University Commons Building.

*The audience is invited to sing

RECIPIENTS OF DEGREES

DOCTOR OF PHILOSOPHY

Presented by Professor John Ruptash, Dean of the Faculty of Graduate Studies

JACOB MORDECAI ROSENFELD ..... Ville St. Laurent, Que. ..... Chemistry
B.Sc. (McGill)
"Investigations Towards the Synthesis of the Cucurbitacins." Supervisor: J. W. ApSimon

JOZEF CORNU ..... Kemzeke, Belgium ..... Engineering
Elect. & Mech. Eng. (Catholic University of Louvain)
M.Eng. (Carleton)
"Studies on Magnetic Reeds." Supervisor: M. A. Copeland

AJAY SANKAR DASS ..... Calcutta, India ..... Geology
B.Sc. (Calcutta)
M.Sc. (Calcutta)
"Wallrock Alteration enclosing the silver deposits, Cobalt, Ontario." Supervisor: W. M. Tupper

KASIVISWANATHAN SETHURAMAN ..... Madras, India ..... Geology
B.Sc. (Alagappa)
M.Sc. (Annamalai)
"Petrology of Grenville Metavolcanic rocks in the Bishop Corners-Donaldson area, Ontario." Supervisor: J. M. Moore

VATSALA SRINIVASAN ..... Madras, India ..... Physics
M.Sc. (Madras)
"Emission of Neutrons and Nuclear Gamma Rays from Muonic Lead and Bismuth." Supervisor: M. K. Sundaresan

MASTER OF ARTS

Presented by Professor John Ruptash, Dean of the Faculty of Graduate Studies

JACQUELINE KENNEDY ..... New Westminster, B.C. ..... Canadian Studies
B.A. (U.B.C.)
"Qu'appelle Industrial School: White 'Rites' for the Indians of the Old Northwest".

NANCY LAWAND ..... Montreal, Que. ..... Canadian Studies
B.A. (Bishop's)

DAVID MILLAR ..... Toronto, Ont. ..... Canadian Studies
B.A. (Dalhousie-King's)
"The Winnipeg General Strike, 1919: a reinterpretation in the light of oral history and pictorial evidence".

ZBIGNIEW JARKIEWICZ ..... Ottawa ..... Classics
B.Sc. (London)
"The Excavations at and around Kato Zakros with Reference to selected Problems in Minoan Archaeology".

MARILYN DAWN DADSWELL ..... Ottawa ..... Comparative Literature
B.A. (Carleton)

VASSILIA TSATIRI ..... Athens, Greece ..... Comparative Literature
Licentiate in Slavic Studies (Belgrade)

BARBARA MARGARET ZATLOKAL ..... Ottawa ..... Comparative Literature
B.A. (Carleton)

CHARLES O. OLUTOLA ..... Ottawa ..... Economics
B.A. (Laurentian)
M.A. (Carleton)
"An Economic Analysis of the Trans-Canada Telephone System".

TERENCE J. PARTRIDGE ..... Winnipeg, Man. ..... Economics
B.Sc. ME (Manitoba)
"The Filtering Process and Public Policy: A Theoretical and Empirical Investigation".

John Sutton Baglow B.A. (Carleton)	Ottawa	English	"The Scottish Universe of Hugh MacDiarmid".
Kenneth Richard Chubb B.A. (Waterloo)	Ottawa	English	"The Empty Sound: A Study of the Plays of Edward Albee".
Shirley Grace Chubb B.A. (Western Ontario)	Ottawa	English	"The 'Hero' in the Novels of Graham Greene".
Susan Joan Glicksohn B.A. (Carleton)	Toronto, Ont.	English	"Myths of the Land in English-Canadian Prose".
Barrie Lynn Haggarty B.A. (Calgary)	Ottawa	English	"Roles and Role Reversal in the Plays of Harold Pinter".
Michael David Moore B.A. (Carleton)	Ottawa	English	"Order and Justice in Book V of Spenser's *Faerie Queene*".
Marie Mignonne Boucher B.A. (Laval)	Ottawa	French	
Guy Laurier Cloutier B.A. Laurentian)	Ottawa	French	
G. Joseph Cooper B.A. (Carleton)	Ottawa	French	
Viviane Francoise Elbaz B.A. (Carleton)	Ottawa	French	
Gail Marilyn Larose B.A. (Carleton)	Ottawa	French	
Jean-Pierre Perreault B.A. (Ottawa)	Casselman, Ont.	French	
George Fenton Sanderson B.A. (A.N.U.)	Canberra, Australia	French	
Mary Anne Silcox B.A. (Carleton)	Toronto, Ont.	French	
Harriet P. Smith B.A. (McGill)	Ottawa	French	
Jerome P. Chyurlia B.A. (Ottawa)	Ottawa	Geography	"Slope Forms and Mass-Movement at Mud Creek".
Michael J. Dillon B.A. (Carleton)	Ottawa	Geography	"The Settlement Schemes of the Former "White Highlands" of Kenya: A Case Study of Nyandarua".
Catherine Sparling B.A. (Toronto)	Bracebridge, Ont.	Geography	"The Historical Geography of St. Vincent".
Wayne G. Swanson B.A. (Carleton) B.Ed. (Alberta)	Ottawa	Geography	"A Linear Programming Analysis of Agricultural Diversification in Irrigable Areas of Barbados".
Stephen M. Beckow B.A. (U.B.C.)	Vancouver, B.C.	History	"A Majestic Story of Orderly Progress: English Canadian Novelists on Canadian Society".
J. M. Marcel Caya License es Lettres (Sherbrooke)	Montreal, Que.	History	
Terry G. Cook B.A. (Alberta)	Edmonton, Alta.	History	

IAN R. FUGE ..... Calgary, Alta. ..... History
B.A. (Calgary)

DAVID R. KEANE ..... Toronto, Ont. ..... History
B.A. (Toronto)

JAMES H. G. MOORE ..... London, Ont. ..... History
B.A. (Western Ontario)

BRUCE G. WILSON ..... Port Credit, Ont. ..... History
B.A. (Toronto)

JAMES A. BAYER ..... Burnaby, B.C. ..... International Affairs
B.A. (U.B.C.)
"Hitler's Miscalculations on War and Peace. An Examination of German Economical, Political and Military Policy, October 1939 to December 1940".

MARGARET D. CHAPMAN ..... Ottawa ..... International Affairs
B.A. (Queen's)
"Environmental Deterioration in Latin America: Its Implications for Economic Development".

R. PAUL DABBS ..... Ancaster, Ont. ..... International Affairs
B.A. (Waterloo)

WILLIAM JANZEN ..... Hague, Sask. ..... International Affairs
B.A. (Winnipeg)

PHILIP I. JOHNSON ..... Mount Royal, Que. ..... International Affairs
B.A. (Simon Fraser)

LARRY R. KOHLER ..... Rochester, N.Y. ..... International Affairs
B.A. (Michigan State)

A. JOHN NOEL ..... St. John's, Nfld. ..... International Affairs
B.A. (Memorial)

FRANCIS X. O'BRIEN ..... Ottawa ..... International Affairs
B.A. (Carleton)

NICO A. VAN DUYVENBODE ..... Ottawa ..... International Affairs
B.A. (York)

G. EDWIN WADDINGTON ..... Burlington, Ont. ..... International Affairs
Bus. Admin. (Ryerson)
B.A. (Katrineberg)

MANNE O. O. WAENGBORG ..... Sweden ..... International Affairs
F. K. (Uppsala)
B.A. (Carleton)

LARRY N. WILLMORE ..... Norfolk, Neb. ..... International Affairs
B.A. (Nebraska)

SUSAN MARION PETERSON D'AQUINO ..... Ottawa ..... Philosophy
B.A. (U.B.C.)
"On the Empirical Refutability of the Identity Theory of Mind and Body".

RICHARD J. DE PAUW ..... Kingsville, Ont. ..... Political Science
B.A. (Waterloo)

ANDREW GOLLNER ..... Montreal, Que. ..... Political Science
B.A. (Loyola)
"Economic Modernization and Political Commitment in Eastern Europe: The Case of Hungary's New Economic Mechanism".

RUGARE A. GUMBO ..... Fort Victoria, Rhodesia ..... Political Science
B.A. (Boston)
"The Zimbabwe Nationalist Struggle: Crisis and Revolution".

GEOFFREY C. KING ..... Toronto, Ont. ..... Political Science
B.A. (Toronto)

CRAIG B. MACFARLANE ..... Ottawa ..... Political Science
B.A. (McMaster)
"The Soviet Student's Image of History and Political Thought".

MIRON MUSHKAT ..... Tel Aviv, Israel ..... Political Science
B.A. (Tel Aviv)

THOMAS H. SCOTT ..... Pembroke, Ont. ..... Political Science
B.Com (Loyola)

KENT M. SMITH ..... Toronto, Ont. ..... Political Science
B.A. (Carleton)

NINO A. TRAVELLA ..... Ottawa ..... Political Science
B.A. (Loyola)
"Some Political Aspects of La Societe Saint-Jean-Baptiste de Montreal".

SAMUEL I. WILLOUGHBY ..... Ottawa ..... Political Science
B.A. (Sir George Williams)

KENNETH ALEXANDER ALLAN ..... Northern Rhodesia ..... Psychology
B.Sc. (Manchester)
"Cutaneous Sensory Processing in Cultural Familial Retarded Children".

JUDITH A. BIJOU ..... Portland, Ore. ..... Psychology
B.A. (Reed College)
"The Effect of Social Isolation on Free Play in Preschool Children".

GARY CLEMENCE ..... Fort Erie, Ont. ..... Psychology
B.A. (Carleton)
"The Role of Imagery and Presentation Method in Backward Recall and Learning".

MICHAEL CLIMAN ..... Montreal, Que. ..... Psychology
B.A. (Carleton)
"Effects of Word Imagery, Meaningfulness and Familiarity on Imaginal and Recognition Response Times".

JOHN W. ELIAS ..... Rosthern, Sask. ..... Psychology
M.S.W. (Toronto)
"The Effectiveness of Pacifist Strategies for Conflict Resolution".

KENNETH W. GRANT ..... Walkerton, Ont. ..... Psychology
B.A. (Carleton)
"Auditory *vs.* Visual Short-term Memory with Successive Syllable Presentation in Both Modes".

MORLEY A. GREENBERG ..... Ottawa ..... Psychology
B.Sc. (McGill)
"Apparent Behaviour of Physical Objects".

LARRY GUEST ..... Barrie, Ont. ..... Psychology
B.A. (Carleton)
"The Student's Attribution of Causality".

JOEL A. HARRISON ..... San Diego, Calif. ..... Psychology
B.A. (Hawaii)
"Bystander Effects on Helping Behaviour; Social Comparison and Diffusion of Responsibility".

PAULINE HOCKENSTEIN ..... Montreal, Que. ..... Psychology
B.A. (McGill)
"A New Methodological Approach to Causal Attribution Theory, Using the Interpersonal Simulation Paradigm".

LARRY MCCLOSKEY ..... Ottawa ..... Psychology
B.A. (St. Patrick's College)
"Sucrose Concentration, Constant Delay and Resistance to Extinction".

MARY MCGHEE ..... Ireland ..... Psychology
M.Ed. (Ottawa)
"Quinine Sulphate Detection by Subjects with Down's Syndrome".

ANDRE MOLINO ..... Rome, Italy ..... Psychology
B.A. (Loyola)
"The Influence of Picrotoxin on the Kindling Effect".

SANDRA RUTH PALEF ..... Ottawa ..... Psychology
B.A. (Carleton)
"The Stages of Information Processing in a Choice Reaction-time Task".

JOHN PIAMONTE ..... Germany ..... Psychology
B.A. (Carleton)
"The Frustration-Aggression Relation and its Modifiability Through Modelling".

WAYNE TYMM ..... Marlborough, England ..... Psychology
B.M. (Waterloo) "Of Fluid and Crystallized Intelligence".

WARREN THROOP ..... Ottawa ..... Psychology
B.A. (Carleton) "The Effects of Information Level, Time Pressure and Aspiration Level on Strategic Bargaining Behaviour in a Simulated Bilateral Monopoly Paradigm".

RAJENDRA S. CHOPRA ..... Ottawa ..... Public Administratoin
B.A. (Panjab)
LL.B. (Bhagalpur)

STUART E. HENDIN ..... Kingston, Ont. ..... Public Administration
B.A. (Ottawa)
D.P.A. (Carleton)

MAPIKO G. MASHINGAIDZE ..... Umtali, S. Rhodesia ..... Public Administration
B.A. (Hebrew University of Jerusalem)

LEONEL MOLINA-IRIAS ..... Ottawa ..... Public Administration
B.A. (Tulane) "Education and Training for Public Administration in Latin America, with Special Attention to Central America and Brazil".
D.P.A. (Birmingham)

THOMAS G. MORRY ..... Ottawa ..... Public Administration
B.A. (Ottawa)
D.P.A. (Carleton)

GURDEV SINGH MUNDI ..... Panjab, India ..... Public Administration
B.A. (Khalsa) "Finance in Federal Systems: A Comparative Study of Canada and India".
M.A. (Panjab)

JENIFER POWELL ..... Ottawa ..... Public Administration
B.A. (Toronto)

J. HOWARD SCARFFE ..... Ottawa ..... Public Administration
M.A. (Toronto) "Rates of Pay in Industrial and Other Organizations in Canada and in the Federal Public Service, October 1, 1958 to 1968".

MAIER I. ZELMAN ..... Ottawa ..... Public Administration
B.Sc. (Manchester) "Accommodating the Federal Government".

ROBERT J. FLYNN ..... Ottawa ..... Sociology
B.A. (Ottawa) "Social Factors in Church Consolidation".

SIDNEY N. GILBERT ..... Winnipeg, Man. ..... Sociology
B.Com. (Manitoba) "The Status of Nations and Conformity to International Norms".

FRANK R. LONGSTAFF ..... Toronto, Ont. ..... Sociology
B.A. (McMaster) "The Recruitment of University Graduates: French and English Applicants to the Canadian Federal Public Service".

DONALD N. MCCASKILL ..... Winnipeg, Man. ..... Sociology
B.A. (Manitoba) "Indian-Metis in-Migration to Metropolitan Winnipeg".

JOHN F. MYLES ..... Pembroke, Ont. ..... Sociology
B.A. (Ottawa) "Community Determinants of Language Assimilation Among the French-Canadians".

MALCOLM J. WATERS ..... Ashford, Middlesex, England ..... Sociology
B.A. (Kent) "Universities in Modern Society: An Analysis of Organization and Change".

PERCY ABOLS ..... Toronto, Ont. ..... Spanish
B.A. (Carleton)

KATHERINE J. CARRUTHERS ..... Ottawa ..... Spanish
B.A. (Minnesota) "La importancia de la mujer en la vida y pensamiento de Miguel de Unamuno".

MARIELLE GODBOUT ..... Ottawa ..... Spanish
B.A. (Carleton)

RAMON MANSOOR ..... Trinidad, W.I. ..... Spanish
B.A. (Carleton) "Amor y tiempo en Jorge Guillen".

MADELEINE PELLETIER ..... Ottawa ..... Spanish
B.A. (Ottawa)

MARIA ESTHER PENNEFATHER ..... Ottawa ..... Spanish
"Maestra Normal" (Mexico)

MASTER OF SCIENCE

Presented by Professor John Ruptash, Dean of the Faculty of Graduate Studies

CHO-YAM CHU ..... Detroit, Mich. ..... Biology
B.Sc. (New Asia College) "Mutations in the early-replicating region of the chromosome of Bacillus subtilis; mutations conferring erythromycin resistance".

COLIN S. STRUTHERS ..... Ottawa ..... Biology
B.Sc. (Carleton) "Effects of somatotropic hormone, thyroxine, hydrocortisone, pars distalis extract, and calf serum on *in vitro* differentiation of the duodenum of the chick embryo".

M. CAROLYN WILSON ..... Belleville, Ont. ..... Biology
B.A. (Toronto) "Studies on the absorption, translocation and metabolism of the herbicide 2,4-D by five susceptible weed species and the resistant *Zea mays* plant".

LU-YU CHEN ..... Taipei, Taiwan ..... Chemistry
B.Sc. (Tunghai) "Model Studies for the Total Synthesis of Camptothecin".

D. BRIAN MCDONNELL ..... Ottawa ..... Chemistry
B.Sc. (Toronto) "The Electrochemistry and Kinetics of Anodically Generated Silver Oxides".

RONALD R. VANDEBEEK ..... Ottawa ..... Chemistry
B.Sc. (Carleton) "An Investigation of the Activation Parameters of the Decomposition of Several N,N-Dialkyldithio-carbamic Acids in Mixed Solvents".

MOHAMMAD ABDUR RAHIM ..... East Pakistan ..... Mathematics
M.Sc. (Dacca) "Estimation of Parameters of double exponential distribution based on k optimum order statistics from middle censored samples".

BARBARA ANN ROWAN ..... Lachine, Quebec ..... Mathematics
B.Sc. (Carleton)

MICHAEL THOMAS ..... Swansea, Wales ..... Physics
B.Sc. (Swansea)

CHI-SHUM WATT ..... Vancouver, B.C. ..... Physics
B.Sc. (Hong Kong) "Rising Trajectories in Potential Scattering".

MASTER OF ENGINEERING

Presented by Professor John Ruptash, Dean of the Faculty of Graduate Studies

ADRIAN W. ALDEN ..... Ilford, Essex, England .. Electrical Engineering
B.Sc. (Sussex)
"Modelling of VHF Power Transistors".

GLENN H. ARGUE ..... Ottawa ..... Civil Engineering
B.Eng. (Carleton)
"The Resilient Modulus of Subgrade, Base and Asphalt Layers in Flexible Pavements".

DEV P. BATRA ..... Bannu, India ..... Electrical Engineering
B.Sc. (Banaras)
M.Sc. (Birmingham)
"Digitone Signal Detection".

SIMON G. BERGEN-HENENGOUWEN ..... Zoeterwovde, Holland . Aeronautical Engineering
B.Eng. (Carleton)
"Wreckage Trajectory Analysis in Aircraft Investigation".

PIERRE M. J. BOUDREAU ..... Shediac, N.B. ..... Electrical Engineering
B.Sc. (Laval)
"On The Conditional Mean for Fading Channels".

RUSSELL J. CAMPBELL ..... Toronto, Ont. ..... Electrical Engineering
B.A.Sc. (Toronto)
"Study of an Adaptive Control System to Control a Glucose Tolerance Test".

ROBERT B. GRAY ..... London, Ont. ..... Electrical Engineering
B.Eng. (Carleton)
"Studies on a Microwave Dragging Technique for Measuring Electron Drift Velocity".

WAYNE W. LEUS ..... Amherst, N.S. ..... Materials Engineering
B.Sc. (Loyola)
"The Minicolumn: An Electron-Optical Column Suitable for a High Resolution Scanning Electron Microscope".

ROBERT A. MILLAR ..... London, England ..... Electrical Engineering
B.Eng. (Carleton)
"Parameter Estimation".

RICHARD R. C. MILLAR ..... Vancouver, B.C. ..... Mechanical Engineering
B.Eng. (Carleton)
"A Blade Row Simulator: Background and Design".

ENZO W. NARDUZZI ..... Italy ..... Mechanical Engineering
B.A.Sc. (Toronto)
"Pressure Distribution on Rotating Disks: Studies on the Mean Pressure, Distribution and Axial Thrust Variation with Spacing, Reynolds Number and Radial Throughflow".

YOGENDRA PRASAD ..... Narkatiagunj, India ..... Civil Engineering
B.Sc. (Muzaffarpur)
"The Effect of Web Reinforcement on the Behaviour of Deep Beams".

SESHAGIRI R. RAJU ..... Salem, Indian ..... Civil Engineering
B.E. (Mysore)
"Force and Deformation Analysis of a Triodetic Dome".

BRUCE W. SLIGHT ..... Winnipeg, Man. ..... Civil Engineering
B.Eng. (Carleton)
"Comparison of Length and Shear Span Parameters in Deep Beams".

S. P. SRIDHARAN ..... Srirangah, India ..... Electrical Engineering
B.Sc. (Madras)
M.Sc. (Madras)
M.Sc. (Birla)
"A Study of the Effects of Light on MOS Capacitors".

ERIC R. WELBOURNE ..... Isleworth, Middlesex, England ..... Mechanical Engineering
D.C.Ac. (Cranfield)
"Thickness Effects on Plastic Strain Concentration in Notched Sheet Specimens of an Aluminum Alloy".

MASTER OF SOCIAL WORK

Presented by Professor John Ruptash, Dean of the Faculty of Graduate Studies

RONALD GUERIN ..... Larder Lake, Ont.
B.A. (Ottawa)

NICHOLAS SMITH ..... Elliot Lake, Ont.
B.A. (Waterloo)

BACHELOR OF ARTS (with Honours)

Presented by Professor G. C. Merrill, Dean of the Faculty of Arts

DAVID NACHUM ADLER ..... Ottawa ..... (High Second Class Honours in Anthropology)

EDWARD MATTHEW AISTON ..... Ottawa ..... (High Second Class Honours in Political Science)

LOUANNA GARLOUGH ..... Toronto, Ont. ..... (First Class Honours in Philosophy)

ROBERT GREGORY BELL ..... Brockville, Ont. ..... (Second Class Honours in Geography)

JEAN-GUY PHILIPPE BERGERON ..... Kapuskasing, Ont. ..... (Second Class Honours in French)

ANNE CHARLOTTE BETHEL ..... Ottawa ..... (High Second Class Honours in Classics)

EDWARD ASSIM BOL ..... Sarawak, Malaysia .. (Second Class Honours in Political Science)

BARRY ALLAN BRICKMAN ..... Ottawa ..... (First Class Honours in Geography)

ROBERT DOUGLAS BROWN ..... Niagara Falls, Ont. ..... (Second Class Honours in Geography)

MEYER CHAIM BURSTEIN ..... Ottawa ..... (First Class Honours in Economics)

LAWRENCE RUSSELL CHALK ..... Ottawa ..... (High Second Class Honours in English)

WILLIAM MICHAEL COVENY ..... Ottawa ..... (Second Class Honours in English)

ELENA DEL VILLANO ..... Ottawa ..... (Second Class Honours in English)

MARGARET YVONNE DOUCET ..... Ottawa ..... (Second Class Honours in English)

ALAIN JEAN DUBUC ..... Ottawa ..... (Second Class Honours in Political Science)

WARD PITFIELD ELCOCK ..... Ottawa ..... (High Second Class Honours in Political Science)

JOHN TERRENCE FARRELL ..... Ottawa ..... (High Second Class Honours in Political Science)

JOHN CHARLES GARNER ..... Ottawa ..... (First Class Honours in English)
B.A. (Baker)

WAYNE EMMERSON GOODYER ..... Ottawa ..... (High Second Class Honours in English)

VALARIE DAWN HARTLING ..... Ottawa ..... (First Class Honours in Psychology)

STEPHEN HERBERT HILL ..... Ottawa ..... (Second Class Honours in Sociology)

JOHN FRANCIS HODGINS ..... Brockville, Ont. ..... (Second Class Honours in Political Science and Sociology)

CONSTANTINA MICHELLE HUDAK ..... Ottawa ..... (Second Class Honours in Political Science)

ELLEN LYNNE JEFFERIES ..... Middlesex, England ..... (First Class Honours in Spanish)

MARTA JOHNSON ..... Ottawa ..... (High Second Class Honours in Anthropology)
B.A. (Wayne State)

ARTHUR FRANK JONES ..... Ottawa ..... (Second Class Honours in Psychology)

MAUREEN KEOUGH ..... Renfrew, Ont. ..... (Second Class Honours in Political Science)

KAROLE ELIZABETH KIDD ..... Smith Falls, Ont. ... (High Second Class Honours in Geography)

FRANCIS THOMAS KIRKWOOD ..... Ottawa ..... (First Class Honours in History and Religion)

DOROTHY JILL KONKIN ..... Yorkton, Sask. ..... (Second Class Honours in Political Science)

JAMES MICHAEL LAHEY ..... Ottawa ..... (Second Class Honours in Geography)

ROBERT GEORGE ALWYNE LAMB ..... Ottawa ..... (First Class Honours in English)

PATRICIA ANN MACGILLIS ..... Alexandria, Ont. ..... (Second Class Honours in English)

KEITH CHARLES MACWHIRTER ..... Ottawa ..... (Second Class Honours in History)

PAUL MCNALLY ..... Ottawa ..... (First Class Honours in English)

ELEANOR MCSHEFFREY ..... Ottawa ..... (First Class Honours in Spanish)

DIANE CHARLOTTE MILLAR ..... Ottawa ..... (Second Class Honours in English)

ERIC STEEN MORSE ..... Espanola, Ont. .... (High Second Class Honours in Soviet and East European Studies)

JOHN BRUCE MURPHY ..... Ottawa ..... (Second Class Honours in History)

FRANKIE JUREM NYOMBUI ..... Sarawak, Malaysia ..... (Third Class Honours in Public Administration)

MAUREEN ELIZABETH O'BRIEN ..... Ottawa ..... (High Second Class Honours in English)

PATRICIA ORANGE ..... Sudbury, Ont. ..... (High Second Class Honours in French)

Cheryl-Lynn Kelly Philippe ..... Ottawa ..... (High Second Class Honours in Psychology)
Sandra Jean Plumley ..... Ottawa ..... (Second Class Honours in English) B.A. (Queen's)
Laurence Priebe ..... Ottawa ..... (Second Class Honours in English)
Vincent Arnold Richards ..... Antigua, West Indies ... (First Class Honours in Economics and History)
Marcia Hampton Rioux ..... Ottawa ..... (High Second Class Honours in Sociology)
David William Rivett ..... London, Ont. ..... (First Class Honours in Philosophy and Sociology)
Rosemary Ann Ruddell ..... Aylmer, Que. ..... (First Class Honours in Anthropology)
Patrick Neal Ryan ..... North Bay, Ont. ..... (Second Class Honours in Psychology)
Donald Gordon Smithers ..... Sault Ste. Marie, Ont. ..... (High Second Class Honours in Economics)
Sharon Louise Soble ..... Ottawa ..... (High Second Class Honours in Psychology)
William Wylie Spicer ..... Baie D'Urfe, Que. .... (First Class Honours in Anthropology)
John Martin Stuart ..... Eganville, Ont. ..... (Second Class Honours in Geography)
Allan James Sutherland ..... Ottawa ..... (Second Class Honours in English)
James Arthur Taggart ..... Ottawa ..... (Second Class Honours in English)
Harro-Volker Trempenau ..... Ottawa ..... (First Class Honours in Geography)
Terrence Roger Trudeau ..... Ottawa ..... (High Second Class Honours in Economics)
James Bruce Ubukata ..... Ottawa ..... (First Class Honours in English)
Gregory Selby Wall ..... Ottawa ..... (Third Class Honours in English)
Garry Dawson Warren ..... Ottawa ..... (Second Class Honours in English)
Karen Elizabeth Wilson ..... Ottawa ..... (Second Class Honours in English)

BACHELOR OF ARTS

Presented by Professor A. T. Tolley, Associate Dean of the Faculty of Arts

Beryl Adina Abbott ..... Ottawa
Susan Eileen Abramovitch ..... Ottawa
Michael Peter Abramowitz ..... Ottawa
Anna Maria Banyai ..... Newington, Ont.
David John Barnhart ..... Manotick, Ont.
Gerald Joseph Belisle ..... Ottawa (With Distinction)
Cecile Mary Bellefleur ..... Ottawa
Kenneth Duncan Bews ..... Kingston, Ont.
Jennifer Jean Black ..... Lucerne, Que.
Helen Gail Blair ..... Pakenham, Ont.
Peter James Blais ..... Ottawa
Jean-Marie Eugene Blanchet ..... Ottawa
Margaret Anne Bourke ..... Ottawa
Michael John Bourke ..... Ottawa
Jessica May Bradley ..... Ottawa
Hans-Adalbert Braeuel ..... Ottawa
Charlotte Darlene Braund ..... Ottawa
Christine Marie Brodsky ..... Ottawa
Dennis Leighton Brown ..... Kingston, Ont.
Susan Christine Burton ..... Ottawa
John Irvin Butler ..... Ottawa
John Archibald Hugh Cameron..Kingston, Ont.
Roger Garth Campbell ..... Toronto, Ont.
Thomas Arthur Caron Ste. Agathe Des Monts, Que.
David Garth Chapman ..... Ottawa
Ivan Chester Chapman ..... Montreal, Que.
Victor John Chapman ..... Ottawa
Marcel Charron ..... Ottawa
Philip Stanley Cheffins ..... Ottawa (With Distinction)
Rosemary Katharine Chisholm Niagara Falls, Ont.
Mary Heather Clarke ..... Ottawa
James Benjamin Clavering ..... Ottawa
Edwin Clifford Coldrey ..... Ottawa
Richard Bruce Coldrey ..... Ottawa
Ronald Earl Conboy ..... Ottawa
David Stuart Crawley ..... Ottawa
Linda Diane Cross ..... Ottawa
Ray Wilfred Crowder ..... Ottawa
Arnand-Remi de Gouville ..... Ottawa
John Carl Delroy ..... Ottawa
Joseph Victor Derraugh ..... Ottawa
Leslie Ann Diack ..... Ottawa
Craig William James Dilworth ..... Ottawa
Rose Pauline Drinkwater ..... Ottawa
Robert Driscoll ..... Ottawa
Judith Catherine Elliott .... Walkerton, Ont.
Robin Esmonde-White ..... Ottawa
John Ewashko ..... Ottawa
Edward Walter Fabricius ..... Ottawa
Paul Dorsey Fallis ..... Manotick, Ont.
Donald Robert Ferguson ..... Ottawa
David Frederick Richard Fisher .. Bath, Ont.
George A. Fisher ..... Stittsville, Ont.
Jill Foran ..... Ottawa
Donna Gail Forsyth ..... Pte. Claire, Que.
Marie-Jose Michele French .. Hamilton, Ont.

Lloyd Alfred Fucile ..... Ottawa
Francoise Gideon ..... Maria, Que.
Anna Gieysztor ..... Montreal, Que.
(With Distinction)
Jennifer Bonita Glashan ..... Ottawa
Kathleen Maria Glavin ..... Ottawa
Jeremy Richard Godfrey .... Westmount, Que.
Flavio Flores Gomez .... Manila, Philippines
Lynn Audrey Gordon .... Cote St. Luc, Que.
Cynthia Ann Graham ..... Baie D'Urfe, Que.
Glenn Frank Gravel ..... Ottawa
Claire Irene Graves ..... Ottawa
James Gerald Griffith .. Carleton Place, Ont.
Luyse Angela Groulx .... Beaconsfield, Que.
Lynne Paulette Haacke ..... Ottawa
Regina Edeltraud Happich ..... Ottawa
Nicole-Marie Harper ..... Hull, Que.
(With Distinction)
Keith Hearn ..... Ottawa
Harold George James Herron ..... Ottawa
Sharon Barbara Hoey ..... Ottawa
Joanne Holmes ..... Brockville, Ont.
James Alan Holton ..... Ottawa
Ann Milne Howarth ..... Ottawa
Mary Marjorie Hurley ..... Ottawa
Gordon Harry Hyde ..... Ottawa
Norval Alan Jones ..... Lucerne, Que.
Bruce Kalbfleisch ..... Ottawa
Sandra Marilyn Anne Kealey ..... Ottawa
Donna Kennedy ..... Ottawa
Dougall MacRae Kennedy ..... Ottawa
James Lloyd Kent ..... Metcalfe, Ont.
James William John Kerruish ..... Ottawa
Greer Elizabeth Knox ..... Ottawa
John Michael Kotlarsky ..... Ottawa
Richard Walter Kully ..... Toronto, Ont.
Margaret Dorothy Lamarre .. Montreal, Que.
John Charles Lang ..... Maitland, Ont.
Thomas Ernest Langstaff ..... Sudbury, Ont.
Dennis Brian Lansdell ..... Weston, Ont.
Walter Wilson Laperle ..... Cornwall, Ont.
Frances Lazar ..... Outremont, Que.
Murray Jack Leiter ..... Hampstead, Que.
William Arthur Lloyd ..... Oshawa, Ont.
Arlie Herbert Locke ..... Ottawa
Joan Marion Macartney .... Ramsayville, Ont.
Leslie Keenan Macartney ..... Ottawa
Peter Arthur MacKechnie ..... Ottawa
James Murdoch MacKenzie ..... Ottawa
James MacLaren ..... Ottawa
Lorne Mark Magory ..... Ottawa
Nigel Markham ..... Ottawa
Ritha Elizabeth Marie Mason ..... Ottawa
Ursula Catherine Maurice .... Penetang, Ont.
Thomas George McCauley ..... Ottawa
John McConnell ..... Ottawa
Craig McDermott ..... Hull, Que.
William McGarvie ..... Ottawa
Richard John McIntyre ..... Aylmer, Que.
Judith Ann McKay ..... North Bay, Ont.
Marjorie Ann Moro ..... Hamilton, Ont.
Roderick David Mundy ..... Huntsville, Ont.
Elise Jeanne Munro ..... Ottawa
Michael Roger Munro ..... Ottawa
Irmela Murphy ..... Ottawa
James Frederick Murphy ..... Ottawa
Marilyn Murphy ..... Toronto, Ont.
Rebecca Louise Murphy ..... Ottawa
Miriam Yan Fong Ng ..... California
David Allan Nock ..... Sault Ste. Marie, Ont.
John Albert Nolan ..... Ottawa
Donald Robert Officer ..... Ottawa
Anthony Okmanas ..... Sault Ste. Marie, Ont.
Nancy Linda Olenick ..... Hamilton, Ont.
Joan Constance Oliver ..... Ottawa
Peter Orphanos ..... Ottawa
Lynus Raitt Pattee ..... Ottawa
Catherine Anne Perret ..... Ottawa
(With Distinction)
Elizabeth Morton Perry .. Spencerville, Ont.
Arthur Ray Petch ..... Ottawa
Andrew Allan Petepiece .... Cornwall, Ont.
Sonia Mary Pierce ..... Ottawa
(With Distinction)
Dijana Maria Plestina ..... Ottawa
Leo James Polowich ..... Sudbury, Ont.
Stephen Ronald Polowin ..... Ottawa
Jean-Pierre Pouliot ..... Vanier, Ont.
Beth Doreen Putman ..... Belleville, Ont.
Clifford David Ralph ..... Ottawa
Dalton Omar Read ..... Ottawa
Walter Rehor ..... Carleton Place, Ont.
Ross Lamont Richardson ..... Ottawa
Richard George Ringer .. Peterborough, Ont.
Henri-Paul Georges Rivard ..... Ottawa
Gertrude Lorraine Robertson ..... Ottawa
John Boyd Robertson ..... Vancouver, B.C.
John David Rodman ..... Toronto, Ont.
Daniel Chaim Roodman ..... Ottawa
Donald Gilmour Ross ..... Ottawa
Linda Rae Rowbotham ..... Belleville, Ont.
Maureen Cheryl Ruch ..... Ottawa
David Michael Russell .. Sault Ste. Marie, Ont.
Winston George Sam .. Grenada, West Indies
Lorenz Schmidt ..... Ottawa
James Claude Scrimger ..... Ottawa
Robert Scott Serson ..... Ottawa
Marshall Allen Sharp ..... Ottawa
John Charles Shepherd ..... Ottawa
Judith Susan Shipman ..... Ottawa
George Leonard Thomas Simcoe .... Ottawa
Merle Joy Simmons ..... Toronto, Ont.
John Kenneth Simpson .... Pointe Claire, Que.
Diane Lynn Skulstad ..... Ottawa
Gail Elizabeth Smith ..... Ottawa
Sylvia Billington Smith ..... Ottawa
Kame Helena Staples ..... Ottawa
Barbara June Steene ..... Ottawa

Catherine Evelyn Stephenson
Kemptville, Ont.
Wilma Magdalene Stollman ..... Ottawa
Elizabeth Ann Strachan ..... Ottawa
Ivor James Symons ..... Ottawa
Edward Lewis Taylor ..... Ottawa
Clark Ian Theobald ..... Ottawa
Bruce Earle Thom ..... Ottawa
Evelyn Annė Thompson ..... Ottawa
Melba Auriel Thompson ..... Ottawa
Vicki Lee Thompson ..... Iroquois, Ont.
Ian Thomson ..... Haileybury, Ont.
John McGrath Townson ..... Ottawa
Donald Armour Turner .. Beaconsfield, Que.
Stephen Andrew Waddell .. Streetsville, Ont.
Patricia Ann Walker ..... Ottawa
Karin Betty Wells ..... Ladner, B.C.
Auriel Jocelyn Whelan ..... Stittsville, Ont.
Derek Ronald White ..... Ottawa
Donald MacKinnon White ..... Ottawa
Patricia Leslie White ..... Ottawa
Douglas Frederick Wolthausen
Brockville, Ont.
David Charles Woods ..... Ottawa
Frank Grey Woods ..... Baie D'Urfe, Que.
Lloyd Alan Younger ..... Ottawa
Emily Anne Zadow ..... Ottawa

ST. PATRICK'S COLLEGE DIVISION

Presented by Professor The Reverend John J. Kelly, Dean of the St. Patrick's College division of the Faculty of Arts

Aldona Virginia Bakunas .... Pembroke, Ont.
Wayne George Barker ..... Ottawa
Gerard Maurice Boileau ..... Ottawa
Gloria Anne Bowie ..... Ottawa
Lin Kezia Brown ..... Mallorytown, Ont.
Lawrence Boyd ..... Ottawa
Michael Howard Capelle ..... Ottawa
William Joseph Carroll ..... Ottawa
Shayne Norman Carter ..... Ottawa
Donald Maxwell Crosbie ..... Ottawa
Michael Anthony Delfre
Saulte Ste. Marie, Ont.
Michael Harold Donnelly ..... Ottawa
Eileen Frances Evans-Smith ..... Ottawa
Carol Dale Finner ..... Mattawa, Ont.
Richard Joseph Gauthier ..... Ottawa
Roland Peter Paul Gauthier ..... Ottawa
Theresa Dawn Harwood ..... Ottawa
David John Joseph Hughes ..... Ottawa
Harold Herbert Hume ..... Renfrew, Ont.
Sebastien John Ieria ..... Toronto, Ont.
Robert Charles Johnston .... Stittsville, Ont.
Arthur John Kealey ..... Ottawa
John Barrett Kiefl ..... Ottawa
Wilfred John Lamb ..... Ottawa
Danielle Marie Marguerite Letellier..Ottawa
Frank Charles Ling ..... Cumberland, Ont.
Helen Donelda Lowe ..... Ottawa
Brian Harold MacDonald ..... Ottawa
Charles Allan MacMillan ..... Ottawa
Paul Louis Major ..... Ottawa
Liston Burns McIlhagga ..... Ottawa
Rodney Joseph McNulty..Carleton Place, Ont.
Jack John James Montgomery ..... Ottawa
Ronald Gerald Morris ..... Ottawa
Dan Dusan Mrkitch .... Karlovac, Yugoslavia
Carol Ann Murphy ..... Templeton, Que.
Shirley Odjick ..... Manawaki, Que.
Barbara Maria O'Reilly c.n.d. ..... Ottawa
Mary Bernita Ouiment ..... Cornwall, Ont.
Robert Michael Richer ..... Ottawa
Rosemarie Veronica Scissons ..... Ottawa
John William Shaughnessy ..... Ottawa
Paul Michael Thompson ..... Ottawa
Murray William Town ..... Ottawa
John Henry Maxwell Townley ..... Ottawa
James Tremblay ..... Ottawa
Daniel James White ..... Kingston, Ont.
Beverley Anne Willett ..... Ottawa
William John Wren ..... Ottawa
Philip Joseph Vincent Yates ..... Ottawa

BACHELOR OF SCIENCE (with Honours)

Presented by Professor H. H. J. Nesbitt, Dean of the Faculty of Science

Ian Thomas Brown ..... Ottawa ..... (Second Class Honours in Geology)
G. Brian Burton ..... Mount Albert, Ont. ..... (Second Class Honours in Geology)
Linda Ruth Daviss ..... Ottawa ..... (High Second Class Honours in Psychology)
Dianne Elizabeth Elliott ..... Ottawa ..... (First Class Honours in Psychology)
John Ghantous ..... Ottawa ..... (Second Class Honours in Physics)
Victoria Carolyn Murray ..... Ottawa ..... (Third Class Honours in Biology)
Ian Keith Nicholson ..... Ottawa ..... (Second Class Honours in Biology)
Richard Villiers Shaw-Wood ..... Ottawa ..... (First Class Honours in Biology)
Lorraine Annette Travers ..... Ottawa ..... (Second Class Honours in Biology)
B.A. (Carleton)

BACHELOR OF SCIENCE

Presented by Professor H. H. J. Nesbitt, Dean of the Faculty of Science

Haig Agemian ..... Ottawa
John William Bowden ..... Ottawa
Hendrik Alexander Brusse ..... Ottawa
John Thomas Chaffey ..... Ottawa
Frances (Ch'i Fen) Chi ..... Brazil
Michelle Margaret Coulombe .. Toronto, Ont.
(With Distinction)
Rodney MacKellar Cunningham
Gananoque, Ont.
Douglas Arnold Galway ..... Ottawa
Grant Orlan Hall ..... Ottawa
Keith Earl Hansen ..... Ottawa
John Francis Jackson Hughes ..... Ottawa
B.A. (Carleton)
Paul Leroy Hunter ..... Hull, Que.
David Russell Jones ..... Ottawa
Ian Michael Kelley ..... Ottawa
James Gordon Lavalley ..... Ottawa
William Henry Lidington ..... Ottawa
Wayne Douglas Livingstone ..... Ottawa
Denise T. Marenger ..... Ottawa
Deryk Graham McGrath ..... Ottawa
Edward Allen Mercer ..... Ottawa
Judy Gail O'Brien ..... Ottawa
Margaret Ann Patterson ..... Edwards, Ont.
Thomas Stanley Pearson ..... Ottawa
Bruce W. Pospiech
Niagara on the Lake, Ont.
Shawn Blair Richardson ..... Ottawa
B.A. (Carleton)
Brian Ernest Rolfe ..... Ottawa
Rudy Hermanus Snel ..... Ottawa
Joerg Thiele ..... Ottawa
Susan Elaine Vandebeek ..... Ottawa

BACHELOR OF COMMERCE (with Honours)

Presented by Professor G. C. Merrill, Dean of the Faculty of Arts

Peter Alan Cameron .....London, Ont. ..... (Second Class Honours)
Ian David Croft .....Toronto, Ont. ..... (First Class Honours)

BACHELOR OF COMMERCE

Presented by Professor G. C. Merrill, Dean of the Faculty of Arts

Robert Delaney ..... Ottawa
Peter Allen Kent Fallis .... Manotick, Ont.
Larry Jon Weatherley ..... Ottawa

ST. PATRICK'S COLLEGE DIVISION

Presented by Professor The Reverend John J. Kelly, Dean of the St. Patrick's College division of the Faculty of Arts

Robert John Bell ..... North Gower, Ont.
Bernard Arthur Gorman ..... Ottawa
Kenneth King-Man Ho ..... Ottawa

BACHELOR OF JOURNALISM (with Honours)

Presented by Professor G. C. Merrill, Dean of the Faculty of Arts

David Clayton .....Montreal, Que. ..... (High Second Class Honours)
B.A. (Carleton)
Penelope Ann Doull .....Ottawa ..... (High Second Class Honours)
B.A. (Toronto)
Shylaja Dutt .....Ottawa ..... (Second Class Honours)
B.A., M.A. (Kerala)
Ulli Kapangala Mwambulukutu ....Tukuyu, Tanzania ..... (Second Class Honours)
Daniel Bernard Pottier .....Yarmouth, N.S. ..... (First Class Honours)
Joanne Sydney White .....Toronto, Ont. ..... (Second Class Honours)
B.A. (Toronto)

BACHELOR OF JOURNALISM

Presented by Professor G. C. Merrill, Dean of the Faculty of Arts

Mary Kathleen Collins ..... Ottawa
Christine Ann Jowsey ..... Garson, Ont.
Alexandra Worobec ..... Ottawa

BACHELOR OF ENGINEERING

Presented by Professor D. A. George, Dean of the Faculty of Engineering

BACHELOR OF ENGINEERING (Civil)

Douglas Roy Jones ..... Ottawa

Nikolaos Kantartzis ..... Athens, Greece
(With Distinction)

BACHELOR OF ENGINEERING (Electrical)

Philip Stuart Alston ..... Ottawa

Theodoros Antonacopoulos ..... Ottawa
(With Distinction)

Donald A. Bowles ..... Ottawa

Piercy Anthony Gordon
Jamaica, West Indies

BACHELOR OF ENGINEERING (Mechanical)

William Wei-Lien Chi ..... Ottawa

Bernard J. Grace ..... Ottawa

Barry Wilfred King ..... Ottawa

Domonic Thomas Joseph Laska ..... Ottawa

David Warren Martell ..... Sydney, N.S.

Wesley Gerald Hannes McIntosh .... Ottawa

Don Tedstone ..... Lemoyne, Que.

Verne Allan Warwick ..... Ottawa

Aug. 5, 1971

RECIPIENTS OF DIPLOMAS AND CERTIFICATES

Presented by Professor R. O. MacFarlane, Director of the School of Public Administration

Diploma in Public Administration

Carmel Cini, B.A. (Carleton)	Ottawa
Jerome Cyr, B.A., B.Ph. (Ottawa)	Ottawa
Brian Cox, B.Sc. (Carleton)	Ottawa
Ronald Doering, B.A. (Carleton)	Ottawa
Urich O. Ferdinand, B.A. (Carleton)	Ottawa
Robert A. Ironside, B.A. (R.M.C.)	Pakenham, Ont.
Wilfred Orgias, B.A. (Carleton)	St. George's Grenada
Ronald E. Prokosch, B.A. (Carleton)	Victoria, B.C.
Jackson Rockburn, B.Sc. (Carleton)	Ottawa
Jonathan A. Rowaiye, B.Sc. (Ibadan)	Ijebu-Igbo, Nigeria
Tao-Sang Yee, B.A. (Sir George Williams)	Toronto, Ont.

Certificate in Public Service Studies

Peter George Peters	Ottawa
David Herbert Shaw	Ottawa

● Assisting the Chancellor will be:
J. I. Jackson, B.A., M.F.A., Registrar; Antonio R. Gualtieri, B.A., B.D., S.T.M., Ph.D., Associate Professor of Religion; H. H. J. Nesbitt, B.A., M.A., Ph.D., D.Sc., F.L.S., Dean of the Faculty of Science and Marshal of Convocation; Georg Rich, Lic. Oec. Publ., Ph.D., Assistant Professor of Economics; Michel Gaulin, B.A., M.A., Assistant Professor of French; Graham Zelmer, B.Sc., Ph.D., Assistant Professor of Mathematics; Elizabeth M. Buckley, B.A., Assistant Registrar; John B. Zachary, O.M.I., M.Sc. Registrar, St. Patrick's College division of the Faculty of Arts.

CPO 40

Nov '70